



# United States Department of the Interior

IN REPLY REFER TO

3100  
(U-603)

BUREAU OF LAND MANAGEMENT  
Moab District  
Grand Resource Area  
P. O. Box M  
Moab, Utah 84532

July 1, 1980

## Memorandum

To: Oil & Gas Office, USGS Conservation Division,  
P.O. Box 1037, Vernal, Utah 84078  
From: Area Manager, Grand Acting  
Subject: Tenneco Oil Company  
Caroon 7-14, Lease U-38033  
SE/SW Section 7, T. 17 S., R. 25 E.  
Grand County, Utah

On May 28, 1980, a representative from this office met with Cody Hansen, USGS, and Lee Freeman agent of Tenneco Oil Company for an inspection of the above referenced location. Subject to the attached conditions, I am approving the surface management portion of the Application for Permit to Drill.

The archaeological requirement has been fulfilled on this location. No threatened or endangered flora or fauna are indicated in the area.

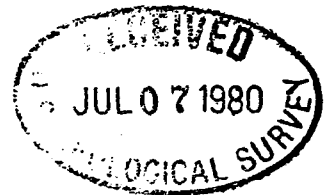
Please forward the enclosed information to Tenneco Oil Company.

*David C. Minor*

Enclosures (2)  
1-Reclamation Procedures  
2-Seed Mixture



*Save Energy and You Serve America!*



## STANDARD STIPULATIONS FOR OIL & GAS EXPLORATION

Contact this office at least 24 hours prior to beginning construction of access road and pad.

Stockpile the surface six inches of topsoil in a pile on the southeast of the location.

The upper banks (uphill side) of all cuts will be rounded during construction of the access road and pad.

Notify the BLM District Archaeologist if cultural material from sub-surface deposits is exposed during the operation.

The trash cage will be on the location and fenced with fine mesh wire during drilling operations.

The "blooey" line will be centered and directed into the pit.

If production is obtained, the access road will be upgraded to BLM specifications for long-term roads as outlined in the surface use standards section of the "Oil and Gas" pamphlet (joint BLM, USGS, and USFS publication).

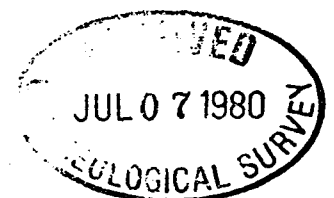
If production is obtained, all production facilities will be painted "desert tan" or a similar color approved by the Grand Resource Area Manager.

Rehabilitation of the site and access road will be accomplished in accordance with the enclosed restoration procedures.

Production facilities and pipeline route are approved on this location under lease rights.

As agreed on at the pre-drill field exam.

1. New access road travel surface will be a maximum of 18 feet wide, with a maximum surface disturbance of 24 feet.
2. Maximum grades will be less than twelve degrees and at least a four inch center crown will be maintained on the road to allow drainage.
3. Low water crossings will be installed in each drainage.
4. A chemical toilet will be used at the location for human waste.
5. The pad or disturbed surface will be restored after drilling.
  - a. If successful, restore that portion of the area not needed for production.

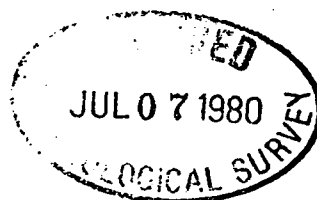


- b. If unsuccessful, restore the whole area.

By recontouring the disturbed area to resemble the surrounding terrain, scattering the topsoil evenly over the site, ripping the pad on the contour of the land. Seeding can be done (by drilling) in the fall.

- c. New access road will be closed if the well is a non-producer.
- d. Reserve pit will be fenced on three sides during drilling and the fourth side when drilling is finished by using either woven wire 48 inches high with a stand of barbed wire around the top for support, or five strands of barbed wire. The lowest stand will be six inches above the ground. The second and third strands of barbed wire will be six inches and twelve inches respectively above the first or lowest strand. The fourth and fifth strands will each be at least one foot and two feet respectively above the third strand.
- e. Inform BLM of any water you encounter during the drilling of the well that is not for human and/or livestock consumption.
- f. Contact Bob Westwood, Grand County Road Superintendant about any Grand County roads you intend to use for access to the well site.

Glen, this plan and map, as submitted by the Lessee are not  
te. Freeman should be expected to do better in the future.

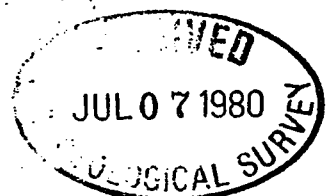


# RECLAMATION PROCEDURES IN GRAND RESERVOIR AREA

1. Disk or rip pads and access roads.
  - a. Overlap passes in order to insure complete treatment.
2. Contour pads and access roads.
  - a. Lay berms into centers.
  - b. Use cut material for fill areas.
  - c. Lay stockpiled surface soil over top of pads and spread evenly.
  - d. On highly erosive soils, it may be more beneficial to grade slopes to reduce steepness.
  - e. Do not smooth pads out, leave a roughened surface. On steeper slopes and slopes with clayey soils scarify or serrate the ground in order to increase water infiltration and reduce erosion.
3. Water bar roads where required by this office.

* 2%	Grade	-	200 ft. intervals
2-4%	Grade	-	100 ft. intervals
4-5%	Grade	-	75 ft. intervals
5%	Grade	-	50 ft. intervals

\* Actual spacing may vary according to soil stability. Lighter textured soils will require more frequent water bars. When natural drainage ways are present, water bars are to be constructed to make maximum use of them. Plan operations so that natural drainage ways do not become blocked.
4. Seed roads and pads in the fall (Oct. through mid-Dec.).



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

## APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/>			5. LEASE DESIGNATION AND SERIAL NO. U-38033		
b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/>			6. IF INDIAN, ALLOTTEE OR TRIBE NAME		
3. NAME OF OPERATOR Tenneco Oil Company			7. UNIT AGREEMENT NAME Winter Camp		
8. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, Colorado 80155			8. FARM OR LEASE NAME Winter Camp Unit		
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.) At surface 2530 FWL, 1240 FSL <b>SE SW</b> At proposed prod. zone			9. WELL NO. 7-14		
14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 19 miles Northwest of Westwater			10. FIELD AND POOL, OR WILDCAT <b>Morrison Wildcat</b>		
10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)			11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T17S, R25E		
18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.			12. COUNTY OR PARISH Grand		
21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5816 GR			13. STATE Utah		
16. NO. OF ACRES IN LEASE 792.94			17. NO. OF ACRES ASSIGNED TO THIS WELL 320		
19. PROPOSED DEPTH 4950 <i>Entrada</i>			20. ROTARY OR CABLE TOOLS Rotary		
22. APPROX. DATE WORK WILL START* February 1981					

## PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" new	23# K55	±800'	Circulate to surface
6 1/4"	4 1/2" new	10.5# K55	±4950'	Cover all possible productive zones

Set 1-3 joints of 9 5/8" casing as conductor pipe.

See attached.

Please expedite approval.

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MININGDATE: 2-9-81BY: M. L. Freeman

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

24. SIGNED M. L. Freeman TITLE Staff Production Analyst DATE February 3, 1981  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions On Reverse Side

Oil and Gas Drilling

EA #413-80

United States Department of the Interior  
Geological Survey  
2000 Administration Bldg.  
1745 West 1700 South  
Salt Lake City, Utah 84104

USUAL ENVIRONMENTAL ASSESSMENT

Date June 20, 1980

Operator Tenneco Oil Company Project or Well Name and No.. 7-14  
Location: 2530' FWL & 1240 FSL Section: 7 Township: 17S Range: 25E  
County: Grand State: Utah Field/Unit: Winter Camp  
Lease No.: U-38033 Permit No.: N/A  
Joint Field Inspection Date: May 28, 1980

Prepared By Craig Hansen

Field Inspection Participants, Titles and Organizations:

Craig Hansen	U.S.G.S. - Vernal, Utah
John Connors	U.S.G.S. - Grand Junction, Colorado
Elmer Duncan	BLM - Moab, Utah
Lee Freeman	Tenneco Oil Company
Bill Buniger	Dirt Contractor

Related Environmental Documents

lj 7/14/80

*Admission Compl? 7/14/80  
Pat 200 x 250  
Pit 100 x 175  
Shim 124' new access  
27/11/80  
1-7*

## DISCRIPTION OF PROPOSED ACTION

## Proposed Action.

1. Location State Utah  
County Grand

2530' FWL 1240' FSL, SE 1/4 SW 1/4

Section 7, T 17S R 25E, S L M.

2. Surface Ownership Location. Public.  
Access Road. Public.

Status of  
Reclamation Agreements Not Applicable.

3. Dates APD Filed: May 5, 1980.  
APD Technically Complete: May 10, 1980.  
APD Administratively Complete: Jan. 19, 1981.

4. Project Time Frame

Starting Date. Upon approval.

Duration of Drilling activities: 12 days.

A period of 30 to 60 days is normally necessary to complete a well for production if hydrocarbons are discovered. If a dry hole is drilled, recontouring and reseeding would normally occur within one year, revegetation or restoration may take several years. If the well is a producer, an indefinite period of time would occur between completion and rehabilitation.

5. Related actions of other federal or state agencies and Indian tribes:  
None known.
6. Nearby pending actions which may affect or be affected by the proposed action:  
None known.
7. Status of Variance Requests:  
None known.

The following elements of the proposed action would/could result in environmental impacts.

1. A drill pad 200' wide x 250' long and a reserve pit approximately 100' x 175' would be constructed. Approximately .5 miles of new access road, averaging 18' driving surface, would be constructed from a maintained road. 2.7 acres of disturbed surface would be associated with the project. Maximum disturbed width of access road would be limited to 24'.
2. Drilling.
3. Waste disposal.
4. Traffic.
5. Water requirements.
6. Completion.
7. Production.
8. Transportation of hydrocarbons.

Details of the proposed action are described in the Application for Permit to Drill.

Environmental Considerations of the Proposed Action:

Regional Setting/Topography: The location is on the east side of a gently sloping hill to a steep wash on the east side of the location on the south slope of the Book Cliffs.

PARAMETER

A. Geology

1. Other Local Mineral Resources to be Protected: Coal beds in the Price River formation but listed as subeconomic.

Information Source: Mineral Evaluation Report.

2. Hazards:

- a. Land Stability: The surface would remain relatively stable until soil became saturated then heaving, sluffing and heavy erosion would take place due to the saturation of the clays and shales at the surface.

Information Source: Field Observation.

- b. Subsidence: Withdrawal of fluids could cause subsidence, however the composition of the producing zones will reduce this hazard therefore none is anticipated.

Information Source: Environmental Geology "E.A. Keller". Physical Geology, Leet and Judson.



c. Seismicity: The area is considered a minor risk-no preventive measures or plans have been presented by the operator.

Information Source: Geologic Atlas of the Rocky Mountain Region.

d. High Pressure Zones/Blowout Prevention: No high pressures are anticipated above the Wasatch, although slight over pressuring may be expected in the upper Wasatch formation.

Information Source. APD, Mineral Evaluation Report.

B. Soils.

1. Soil Character: Soil is a deep mildly to strongly alkaline. The surface layers are pale brown and light gray loams, silty clay loams and clays. Sand and gravels are intermixed with clays and silts in fulvial washes.

Information Source: "Soils of Utah", Wilson, Field Observation.

2. Erosion/Sedimentation: This would increase due to the disruption of vegetation and loosely compacted "A & B" soil horizons of clay and shale. Clay and shale leave a higher rate of erosion due to their grain size and compaction capabilities. Proper construction practices would reduce this impact.

Information Source: "Fluvial Processes in Geomorphology" by Luna B. Leopold, M. Gordon Wolman and John P. Miller, 1964. "Soils of Utah", Wilson.

C. Air Quality: The area is in a Class II containment. There would be a minor increase in air pollution due to emissions from construction and support traffic engines. Particulate matter would increase due to dust from travel over unpaved dirt roads.

Information Source: Utah State Health Department/Air Quality Bureau in Salt Lake City, Utah.

D. Noise Levels: Noise from the drilling operation may temporarily disturb wildlife and people in the area. Noise levels would be moderately high during drilling and completion operations. Upon completion, noise levels would be infrequent and significantly less. If the area is abandoned, noise levels should return to predrilling levels.

Information Source: Field Observation.

E. Water Resources

1. Hydrologic Character

a. Surface Waters: The location drains east to a non-perennial drainage to San Arroyo Canyon then to the Colorado River.

Information Source: Field Observation.

b. Ground Waters: None anticipated in drilling program.

Information Source: Field Observation, APD.

2. Water Quality

a. Surface Waters. No contamination to surface water is anticipated by this drilling program. Proper construction of location and lining reserve pits where needed would insure safe operations.

Information Source: Field Observation.

b. Ground Waters: Some minor pollution of ground water systems would occur with the introduction of drilling fluids (filtrate) into the aquifer. Potential communication, contamination and commingling of formations via the wellbore would be prevented by an adequate response drilling fluid program. The depths of fresh water formations are listed in the 10-Point Subsurface Protection Plan.

Information Source: 10-Point Plan.

F. Flora and Fauna

1. Endangered and Threatened Species Determination

Based on the formal comments received from the BLM-Moab on June 7, 1980, we determine that there would be no effect on endangered and threatened species and their critical habitat.

2. Flora: Shadscale, sagebrush, juniper, intermediate wheatgrass, Indian paintbrush exist on the location.

Information Source: Field Observation.

3. Fauna: Deer, antelope, small rodents, birds and reptiles, foxes, coyotes and domestic livestock exist on or near the location.

Information Source: Field Observation.

G. Land Uses

1. General: The area is used primarily for oil and gas operations although grazing and recreation takes place throughout the year.

Information Source: APD, Field Observation, SMA Representative.

2. Affected Floodplains and/or Wetlands: N/A.

Information Source: Field Observation.

3. Roadless/Wilderness Area: N/A.

Information Source: Field Observation.

H. Aesthetics. The operation does not blend in with natural surroundings and could present a visual impact to recreationists. Drilling would be temporary and last about two weeks. Painting any permanent equipment a color to blend with the surrounding environment would lessen visual impacts.

Information Source: Field Observation.

I. Socioeconomics: The effects of one well on local and regional population and economy would be negligible. However, should this well result in a major discovery, an increase in economic activity would be expected. No direct impact to population would be anticipated as most services would be provided from Grand Junction, Colorado. Present transportation routes would need to be expanded. Pipeline routes, presently absent in the area would be necessary to further develop the area.

Information Source: Field Observation.

J. Cultural Resources Determination: Based on the formal comments received from BLM-Moab, on July 7, 1980 we determine that there would be no effect on cultural resources subject to the recommended stipulations by BLM and USGS.

Information Source: Attached Stipulations.

K. Adequacy of Restoration Plans: Meet the minimum requirements of NTL-6. The erodibility of area soils could hamper restoration which should commence immediately after drilling or completion. Restoration to pre-drilling conditions could be difficult. The areas short growing season and limited precipitation govern restoration success.

Information Source: APD, Cody M. Hansen, Environmental Scientist. Field Observation.

#### Alternatives to the Proposed Action:

1. Disapproving the proposed action or no action - If the proposed action is denied, no action would occur, the existing environment would remain in its present state, the lessee/operator would not realize any return on investments and the public would be denied a potential energy source.

2. Approving the project with the recommended stipulations - Under federal oil and gas leasing provisions, the Geological Survey has a responsibility to approve mineral development if the environmental consequences are not too severe or irreversible. Permanent damage to the surface and subsurface would be prevented as much as possible under USGS and Surface Management Agency supervision. Environmental impacts would be significantly mitigated.

#### Adverse Environmental Effects:

1. If approved as proposed:

a. About 2.7 acres of vegetation would be removed, increasing and accelerating erosion potential.

b. Pollution of groundwater systems could occur with the introduction of drilling fluids into the aquifer(s). The potential for interaquer leakage and lost circulation is ever-present, depending on the casing program.

c. Minor air pollution would be induced on a temporary basis due to exhaust emissions from rig engines and support traffic.

d. The potential for fires, leaks, spills of gas and oil or water exists.

e. During construction and drilling phases of the operation, noise and dust levels would increase.

f. Distractions from aesthetics during the lifetime of the project would exist.

g. Erosion from the site would eventually be carried as sediment in the San Arroyo Wash. The potential for pollution to San Arroyo Wash would exist through leaks and spills.


h. If hydrocarbons would be discovered and produced, further development of the area could be expected to occur, which would result in the extraction of irreplaceable resource, and further negative environmental impacts. These impacts include the cumulative loss of wildlife habitat due to the areas necessary for roads, pipelines, drillsites, and transmission lines. These actions may disrupt wildlife social behavior and force habitat relocation over an extended period of time. In addition, the cumulative effects of non-point erosion become substantial in a developing field, primarily those located near perennial streams where siltation and sedimentation are critical to aquatic life cycles.

2. Conditional Approval:

a. All adverse impacts described in section one above could occur.

Recommended Approval Conditions:

Drilling should be allowed, provided the following mitigative measures are incorporated into the proposed APD and adhered to by the operator:

1. See attached Lease Stipulations.
  2. See attached BLM Stipulations.
  3. Diversion ditch on west side of location to divert water away from pad.
- 

Controversial Issues and Conservation Division Response.

None were found by the writer.

We have considered the proposed action in the preceding pages of this EA and find, based on the analysis of environmental considerations provided therein, no evidence to indicate that it will significantly (40 CFR 1508.27) impact the quality of the human environment.

Determination:

I determine that the proposed action (as modified by the recommended approval conditions) does not constitute a major Federal action significantly affecting the quality of the human environment in the sense of NEPA, Section 102 (2)(C).

 DISTRICT ENGINEER  
Signature & Title of Approving Official

JUL 16 1980  
Date



*Tenneco  
7-14  
Looking north.*

UNITED STATES DEPARTMENT OF INTERIOR  
BUREAU OF LAND MANAGEMENT  
UTAH STATE OFFICE

WILDERNESS PROTECTION STIPULATION

By accepting this lease, the lessee acknowledges that the lands contained in this lease are being inventoried or evaluated for their wilderness potential by the Bureau of Land Management under section 603 of the Federal Land Policy and Management Act of 1976, 90 Stat. 2743, 2785 (43 U.S.C. Sec. 1782).

Until the BLM determines that the lands covered by this lease do not meet the criteria for a wilderness study area as set forth in section 603, or until Congress decides against the designation of lands included within this lease as "wilderness," the following conditions apply to this lease, and override every other provision of this lease which could be considered as inconsistent with them and which deal with operations and rights of the lessee:

1. Any oil or gas activity conducted on the leasehold for which a surface use plan is not required under NTL-6 (for example; geophysical and seismic operations) may be conducted only after the lessee first secures the consent of the BLM. Such consent shall be given if BLM determines that the impact caused by the activity will not impair the area's wilderness characteristics.
2. Any oil and gas exploratory or development activity conducted on the leasehold which is included within a surface use plan under NTL-6 is subject to regulation (which may include no occupancy of the surface) or, if necessary, disapproval until the final determination is made by Congress to either designate the area as wilderness or remove the section 603 restrictions.

If all or any part of the area included within the leasehold estate is formally designated by Congress as wilderness, oil and gas exploration and development operations taking place or to take place on that part of the lease shall become subject to the provisions of the Wilderness Act of 1964 which apply to national forest wilderness areas, 16 U.S.C. Sec. 1131 et seq., as amended, the Act of Congress designating the land as wilderness, and Interior Department regulations and policies pertaining thereto.

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

APPLICATION FOR PERMIT TO DRILL, DEEPEN, OR PLUG BACK

<p>1a. TYPE OF WORK <b>DRILL</b> <input checked="" type="checkbox"/> <b>DEEPEN</b> <input type="checkbox"/> <b>PLUG BACK</b> <input type="checkbox"/></p> <p>b. TYPE OF WELL OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER <input type="checkbox"/> SINGLE ZONE <input checked="" type="checkbox"/> MULTIPLE ZONE <input type="checkbox"/></p> <p>2. NAME OF OPERATOR Tenneco Oil Company</p> <p>3. ADDRESS OF OPERATOR P.O. Box 3249, Englewood, Colorado 80155</p> <p>4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.)* At surface 2530 FWL, 1240 FSL <b>SE SW</b> At proposed prod. zone</p> <p>14. DISTANCE IN MILES AND DIRECTION FROM NEAREST TOWN OR POST OFFICE* 19 miles Northwest of Westwater</p>			<p>5. LEASE DESIGNATION AND SERIAL NO. U-38033</p> <p>6. IF INDIAN, ALLOTTEE OR TRIBE NAME</p> <p>7. UNIT AGREEMENT NAME Winter Camp</p> <p>8. FARM OR LEASE NAME Winter Camp Unit</p> <p>9. WELL NO. 7-14</p> <p>10. FIELD AND POOL, OR WILDCAT <b>Morrison Wildcat</b></p> <p>11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7, T17S, R25E</p> <p>12. COUNTY OR PARISH Grand</p> <p>13. STATE Utah</p>	
<p>10. DISTANCE FROM PROPOSED* LOCATION TO NEAREST PROPERTY OR LEASE LINE, FT. (Also to nearest drlg. unit line, if any)</p> <p>18. DISTANCE FROM PROPOSED LOCATION* TO NEAREST WELL, DRILLING, COMPLETED, OR APPLIED FOR, ON THIS LEASE, FT.</p> <p>21. ELEVATIONS (Show whether DF, RT, GR, etc.) 5816 GR</p>		<p>16. NO. OF ACRES IN LEASE 792.94</p> <p>19. PROPOSED DEPTH 4950 <i>Entrada</i></p> <p>17. NO. OF ACRES ASSIGNED TO THIS WELL 320</p> <p>20. ROTARY OR CABLE TOOLS Rotary</p> <p>22. APPROX. DATE WORK WILL START* February 1981</p>		

PROPOSED CASING AND CEMENTING PROGRAM

SIZE OF HOLE	SIZE OF CASING	WEIGHT PER FOOT	SETTING DEPTH	QUANTITY OF CEMENT
8 3/4"	7" new	23# K55	±800'	Circulate to surface
6 1/4"	4 1/2" new	10.5# K55	±4950'	Cover all possible productive zones

Set 1-3 joints of 9 5/8" casing as conductor pipe.

See attached.

Please expedite approval.

APPROVED BY THE DIVISION  
OF OIL, GAS, AND MINING

DATE: 2-9-81

BY: M. J. Winder

IN ABOVE SPACE DESCRIBE PROPOSED PROGRAM: If proposal is to deepen or plug back, give data on present productive zone and proposed new productive zone. If proposal is to drill or deepen directionally, give pertinent data on subsurface locations and measured and true vertical depths. Give blowout preventer program, if any.

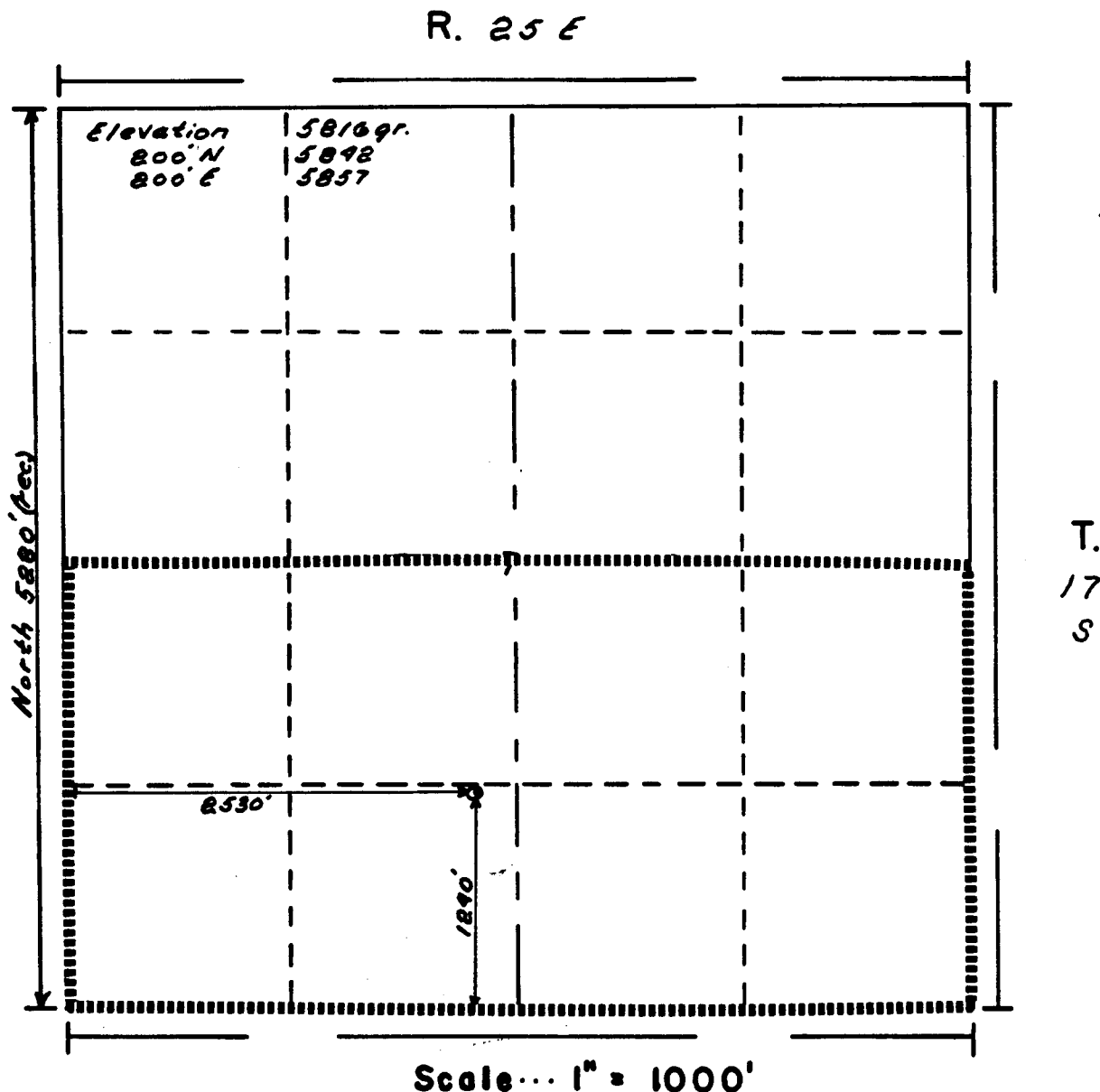
24. SIGNED M. J. Freeman TITLE Staff Production Analyst DATE February 3, 1981  
(This space for Federal or State office use)

PERMIT NO. \_\_\_\_\_ APPROVAL DATE \_\_\_\_\_

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:



FORM F-106



Powers Elevation Company, Inc. of Denver, Colorado  
has in accordance with a request from *Jim Routson*  
for *Palmer Oil & Gas*  
determined the location of *#7-11 Federal*  
to be *1290' F.S.L. & 2530' F.W.L.* Section 7 Township 17 S  
Range 25 E Salt Lake Meridian  
Grand County, Utah

I hereby certify that this plat is an  
accurate representation of a correct  
survey showing the location of

*#7-11 Federal*

Date: 7-25-79

T. Nelson  
Licensed Land Surveyor No. 2711  
State of Utah



TENNECO OIL COMPANY - 10 POINT PLAN

1. The geological name of the surface formation:
- 2 & 3. Estimated Formation Tops:  
  
(See Attached Drilling Procedure)
4. Proposed Casing Program:  
  
(See Attached Drilling Procedure)
5. Blowout Preventors:  
Hydraulic double ram. One set of rams will be provided each size drill pipe in the hole. One set of blind rams at all times. Fill line will be 2", kill line will be 2", choke relief line will be 2". BOP's, drills and tests will be recorded in the driller's log. BOP will be tested every 24 hours and recorded in IADC Log.
6. Mud Program: (Sufficient quantity of mud and weight material will be available on location).  
  
(See Attached Drilling Procedure.)
7. Auxiliary Equipment:
  - a. Kelly cock will be in use at all times.
  - b. Stabbing valve to fit drill pipe will be present on floor at all times.
  - c. Mud monitoring will be visual. No abnormal pressures are anticipated.
  - d. Floats at bits.
  - e. Drill string safety valve(s) to fit all pipe in drill string will be maintained on the rig floor while drilling operations are in progress.
8. Coring, Logging, and Testing Program:  
  
(See Attached Drilling Procedure)
9. No abnormal pressures, temperatures or potential hazards such as H<sub>2</sub>S are expected to be encountered.
10. The drilling of this well will start approximately ( May/June ) and continue for 10 to 12 days.

Your office will be notified of spudding in sufficient time to witness cementing operations. Immediate notice will be given on blowouts, fires, spills, and accidents involving life threatening injuries or loss of life. Prior approval will be obtained before appreciably changing drilling program or commencing plugging operations, plug back work, casing repair work or corrective cementing operations.

— TENNECO OIL COMPANY —  
— ROCKY MOUNTAIN DIVISION —  
PENTHOUSE, 720 SOUTH COLORADO BOULEVARD  
DENVER, COLORADO 80222

DRILLING PROCEDURE

DATE: February 21, 1980

LEASE: Caroon USA

WELL NO.: 7-14

LOCATION: 1240' FSL, 2530' FWL  
Sec. 7. T 17S, R 25E  
Grand County, Utah

FIELD:

ELEVATION: 5780' Est. G.L.

TOTAL DEPTH: 4950'

PROJECTED HORIZON: Morrison

SUBMITTED BY: John V. Owen DATE: 2/21/80

APPROVED BY: \_\_\_\_\_ DATE: \_\_\_\_\_

JWO/ms

CC: Administrative (D.T. - 1)  
DSB Well File  
Field File

ESTIMATED FORMATION TOPS

Mesa Verde	Surface
Mancos	335'
Castlegate	585' (Water and/or gas)
Frontier	3850'
Dakota Silt	4105'
Dakota	5215' (Gas)
Morrison	4330' (Gas and/or water)
Salt Wash	4755'
Entrada	N/A
T.D.	4950'

1. No abnormal pressure, temperature, or H<sub>2</sub>S is anticipated in this well.
2. Reserve pit shall be fenced on three sides during drilling operations.

## DRILLING, CASING, AND CEMENT PROGRAM

1. MIRURT.
2. Set 1-3 joints of 9 5/8" casing as needed to be used as conductor pipe.
3. Install casing head and nipple up rotating head and bloopie line.
4. Drill 8 3/4" hole to  $\pm$  800' , or through the Castlegate Formation.
5. Run 7", 23#, K-55, ST&C surface casing to T.D. Cement with sufficient volume to circulate cement to the surface.
6. WOC. Nipple up BOP's, rotating head, choke manifold, etc. Pressure test BOP's, manifold, etc., to 1000 psi for 15 minutes.
7. TIH and displace water in casing with air. Drill out shoe and dry up hole.
8. Drill 6 1/4" hole to T.D.
9. Log well as per G. E. Department recommendations.
10. If well is productive, run 4 1/2", 10.5#, K-55, ST&C casing to T.D. Cement with sufficient volume to cover all possible productive zones.
11. If the well is non-productive, P & A as per Regulatory Agency Specifications.

### CASING PROGRAM

CONDUCTOR:	30' to 125' as needed.	9-5/8", 36#, K-55, ST&C
SURFACE:	$\pm$ 800'	7", 23#, K-55, ST&C
PRODUCTION:	4950'	4-1/2", 10.5#, K-55, ST&C

## MUD PROGRAM

1. Anticipate drilling entire hole with air.
2. In the event liquids are encountered, mist drilling will be attempted.
3. Should mist drilling be unsuccessful, the hole will have to be mudded up.
4. Also, if gas is encountered in sufficient volume to compromise the safety of the operations, mudding up will be required.
5. If mudding up is necessary, the following guidelines should be followed:
  - (1) Weight  $\pm$  9.0 ppg.
  - (2) Vis. as needed to clean hole.
  - (3) W.L. 10 cc or less.

## EVALUATION

Cores and DST's: No cores or DST's are anticipated.

### Deviation Surveys:

0-800'            1° )  
800'-T.D.        5° ) Surveys to be run every 500' or on trips, whichever comes first. Surveys will be reported on the IADC Drilling Report Sheet.

Maximum allowable deviations:

- (1) 1° per 100' intervals
- (2) 1° at + 800'
- (3) 5° at T.D.

Samples: None.

<u>Logs:</u>	SNP/GR )		FDC/CNL )	
	FDC/GR )	Air Drilled	DIL/LL8 w/sp )	Mud Drilled
	DIL )			

## BLOWOUT EQUIPMENT

1. Double ram hydraulic with pipe and blind rams operated by an accumulator.
2. Rotating head on air/mist holes.
3. Preventers must be checked for operation every 24 hours. This check MUST BE RECORDED on the IADC Drilling Report Sheet

## REPORTS

Drilling reports for the past 24 hours will include depth, footage, time distribution, activity breakdown, mud properties, bit record, bottom hole assembly, daily and cumulative mud costs, plus any other pertinent information, will be called into Tenneco Oil Company, Denver, Colorado, between 7:30 a.m. and 8:00 a.m.

1. 303-758-7130 (Office) Don Barnes  
303-758-7287 (Office) Don Barnes' private line, Monday-Friday (before 7:45 a.m.)  
303-936-0704 (Home) Don Barnes, weekends and holidays.
2. George Ramsey (Home) 303-771-5154.
3. John Owen (Home) 303-795-0221.

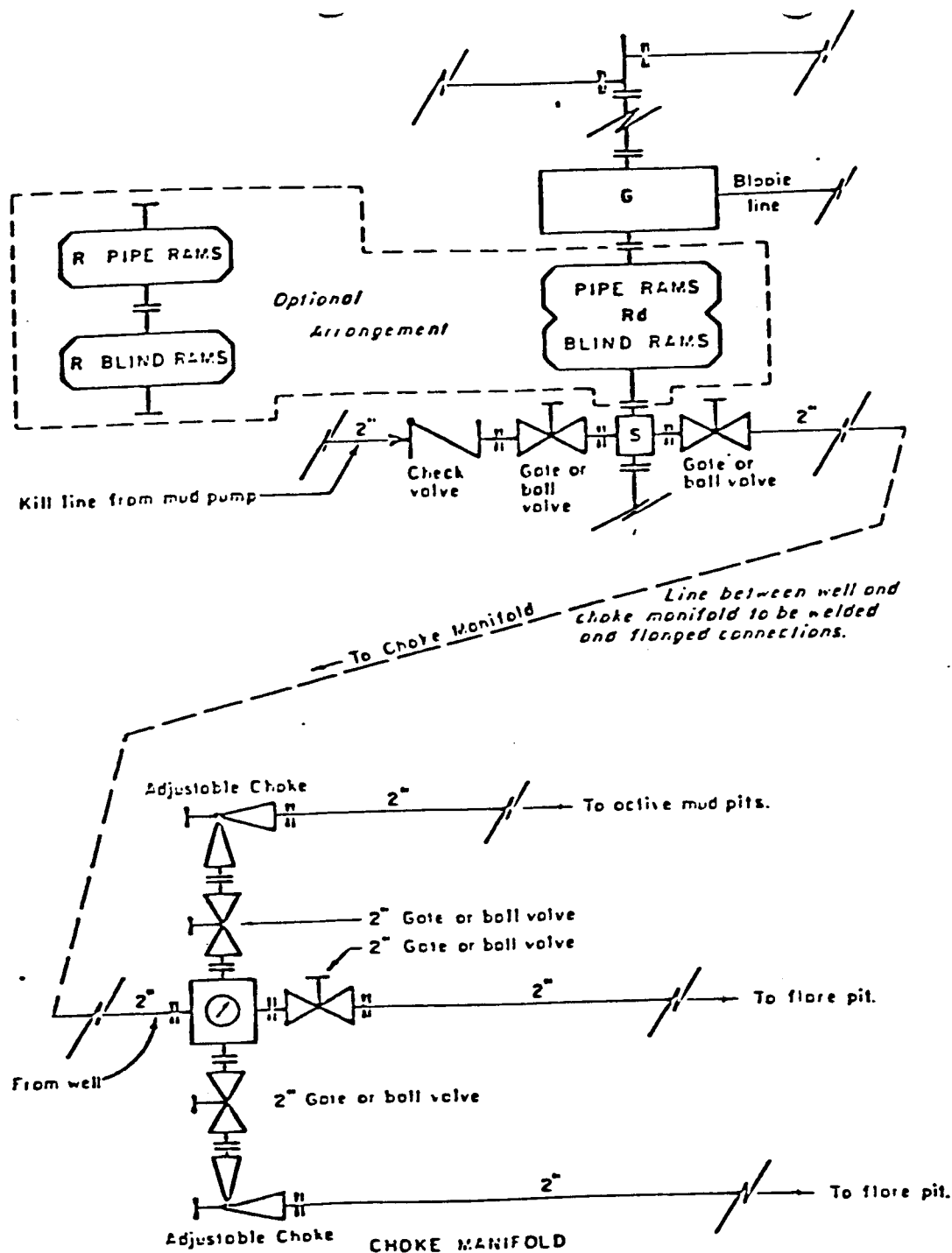
The yellow sheet of the IADC Report is to be filled out completely. The original copy of the drilling time recorder, and copies of any invoices from this well, signed and received for Tenneco Oil Company, will be mailed daily to:

TENNECO OIL COMPANY  
ROCKY MOUNTAIN DIVISION  
PENTHOUSE, 720 SOUTH COLORADO BOULEVARD  
DENVER, COLORADO 80222

ATTENTION: Drilling Department

### IN CASE OF EMERGENCY, NOTIFY THE FOLLOWING:

1. Mr. Don Barnes, Division Drilling Engineer.
2. Mr. George E. Ramsey, Jr., Drilling Engineers Supervisor
3. Mr. John W. Owen, Project Drilling Engineer.
4. Mr. Mike Lacey, Division Production Manager (Home 303-979-0509).



- All equipment to be 3,000 psi working pressure except as noted.
- Rd Double ram type preventer with two sets of rams.
- R Single ram type preventer with one set of rams.
- S Drilling spool with side outlet connections for choke and kill lines.
- G Rotating head 150 psi working pressure minimum

#### ARRANGEMENT C

TENNECO OIL COMPANY  
 ROCKY MOUNTAIN DIVISION  
 REQUIRED MINIMUM  
 BLOWOUT PREVENTER AND  
 CHOKE MANIFOLD

**\*\* FILE NOTATIONS \*\***

DATE: Feb. 5 1981  
OPERATOR: Tenneco Oil Company  
WELL NO: Winter Camp Unit #7-14  
Location: Sec. 7 T. 17S R. 25E County: Grand

File Prepared: ☐

Entered on N.I.D: ☐

Card Indexed: ☐

Completion Sheet: ☐

API Number 43-019-30773

CHECKED BY:

Petroleum Engineer: M. J. Minder 2-9-81

Director: \_\_\_\_\_

Administrative Aide: Unit approval - ok on budrys. for gas well,  
ok on formation - WCU; all formations  
unitized

APPROVAL LETTER:

Bond Required: ☐

Survey Plat Required: ☐

Order No. \_\_\_\_\_

O.K. Rule C-3 ☐

Rule C-3(c), Topographic Exception - company owns or controls acreage  
within a 660' radius of proposed site ☐

Lease Designation Feet

Plotted on Map ☒

Approval Letter Written ☒

Hot Line ☒

P.I. ☒



February 10, 1981

Tenneco Oil Company  
P. O. Box 3249  
Englewood, Colorado 80155

Re: Well No. Winter Camp Unit #7-14  
Sec. 7, T. 17S, R. 25E, SE SW  
Grand County, Utah

Insofar as this office is concerned, approval to drill the above referred to gas well is hereby granted in accordance with Section 40-6-11, Utah Code Annotated 1953; and predicated on Rule A-3, General Rules and Regulations and Rules of Practice and Procedure.

Should you determine that it will be necessary to plug and abandon this well, you are hereby requested to immediately notify the following:

MICHAEL T. MINDER - Petroleum Engineer  
Office: 533-5771  
Home: 876-3001

Enclosed please find Form OGC-8-X, which is to be completed whether or not water sands (aquifers) are encountered during drilling. Your cooperation in completing this form will be appreciated.

Further, it is requested that this Division be notified within 24 hours after drilling operations commence, and that the drilling contractor and rig number be identified.

The API number assigned to this well is 43-019-30773,

Sincerely,

DIVISION OF OIL, GAS, AND MINING

Michael T. Minder  
Petroleum Engineer

/ko  
cc: USGS

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2530' FWL 1240' FSL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO: SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF	<input type="checkbox"/>	<input checked="" type="checkbox"/>
FRACTURE TREAT	<input type="checkbox"/>	<input type="checkbox"/>
SHOOT OR ACIDIZE	<input type="checkbox"/>	<input type="checkbox"/>
REPAIR WELL	<input type="checkbox"/>	<input type="checkbox"/>
PULL OR ALTER CASING	<input type="checkbox"/>	<input type="checkbox"/>
MULTIPLE COMPLETE	<input type="checkbox"/>	<input type="checkbox"/>
CHANGE ZONES	<input type="checkbox"/>	<input type="checkbox"/>
ABANDON*	<input type="checkbox"/>	<input type="checkbox"/>
(other) Commence drilling operations		

5. LEASE  
U 38033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME  
Winter Camp Unit

9. WELL NO.  
7-14

10. FIELD OR WILDCAT NAME  
Morrison

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 7, Z17S, R25E

12. COUNTY OR PARISH  
Grand

13. STATE  
Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5816' gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

4/13/81 - MIRURT. Spud well 4/12/81 w/Atco rig #5. Drill to 117'. Set 3 jts 9-5/8" 36# csg at 117' shoe @ 114'. Cmt w/10sx Portland type 1 and 50 sx Redicrete.

4/14/81 - Drill to 830'. Short trip. Circ and cond hole. RU and run 21 jts (812') of 7" 23# csg set @ 825' KB. Cmt w/200sx Class H w/2% CACL<sub>2</sub> and 1/4#/sk Celloflake. Plug down. Circ cmt to surface. WOC. Install csg head. (OCT) and pressure test to 1000 PSI. NU BOP's and pressure test blind rams to 1000 PSI.

4/16/81 - Test BOP's to 1000 PSI for 15 mins.

4/27/81 - Drill to 4747'. Log. TIH. Circ. Laid down drill pipe. Ran 106 jts (4747.65') of 4-1/2" 10.5# csg set @ 4745'. Cmt w/200sx Class H w/10% THC 60, 10% KCL and .3% NFR-Z. Float held. Circ cmt to top of cmt. Plug down. Set slips and X-mas tree. Release rig 4/27/81.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED Charles Matthews TITLE Asst. Div. Adm. Mgr. DATE 4/29/81

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE MAY 5 1981  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ gas ☒ other

2. NAME OF OPERATOR  
Tenneco Oil Company

3. ADDRESS OF OPERATOR  
P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)  
AT SURFACE: 2530' FWL 1240' FSL  
AT TOP PROD. INTERVAL:  
AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

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5. LEASE  
U 38033  
6. IF INDIAN, ALLOTTEE OR TRIBE NAME  
7. UNIT AGREEMENT NAME  
8. FARM OR LEASE NAME  
Winter Camp Unit  
9. WELL NO.  
7-14  
10. FIELD OR WILDCAT NAME  
Morrison  
11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA  
Sec. 7, T17S R23E  
12. COUNTY OR PARISH  
Grand  
13. STATE  
Utah  
14. API NO.  
15. ELEVATIONS (SHOW DF, KDB, AND WD)  
5816' gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

5/6/81 - MIRUSU.

5/7/81 - RIH w/2-3/8" tbg and tag PBTD. Circ hole w/2% KCL water. POOH w/tbg/

5/8/81 - RU loggers and run GR/CCL/CBL. Tag PBTD @ 4696'. Top of bond 4166. Top of cmt @ 4000'. RIH w/tbg and bit. RU power swivel and drill float collar.

5/9/81 - Drill cmt to 4725'. Circ hole. Pressure test csg to 4000 PSI. Held ok. Swabbed fluid level down to 3700'. POOH w/tbg and bit. Perf'd Dakota and Morrison @ 2 JSPF as follows: 4698-4706', 4414-4420', 4370-74', 4230-60' (48' 96 holes) TIH w/pkr and retrieveable bridge plug. Set BP @ 4725' and pkr @ 4600'. Acidized perfs 4698-4706' w/300 gals 7-1/2% MSR; acidized perfs 4370-4420' (RBP @ 4550 pkr @ 4300') w/500 gals 7-1/2% MSR; set RBP @ 4150', acidize perfs 4230-4260' w/1000 gals 7-1/2% MSR. AIR: 4.5 BPM AIP: 2500 PSI.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Asst.Div.Adm.Mgr. DATE 5/19/81

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

**SUNDRY NOTICES AND REPORTS ON WELLS**

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir. Use Form 9-331-C for such proposals.)

1. oil ☐ well gas ☒ well other

2. NAME OF OPERATOR

Tenneco Oil Company

3. ADDRESS OF OPERATOR

P. O. Box 3249, Englewood, CO 80155

4. LOCATION OF WELL (REPORT LOCATION CLEARLY. See space 17 below.)

AT SURFACE: 2530' FWL 1240' FSL

AT TOP PROD. INTERVAL:

AT TOTAL DEPTH:

16. CHECK APPROPRIATE BOX TO INDICATE NATURE OF NOTICE, REPORT, OR OTHER DATA

REQUEST FOR APPROVAL TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF ☐  
FRACTURE TREAT ☐  
SHOOT OR ACIDIZE ☐  
REPAIR WELL ☐  
PULL OR ALTER CASING ☐  
MULTIPLE COMPLETE ☐  
CHANGE ZONES ☐  
ABANDON\* ☐  
(other) ☐

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5. LEASE

U 38033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

Winter Camp Unit

8. FARM OR LEASE NAME

9. WELL NO.

7-14

10. FIELD OR WILDCAT NAME

Morrison

11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA

Sec. 7, T17S R23E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

14. API NO.

15. ELEVATIONS (SHOW DF, KDB, AND WD)

5816' gr.

(NOTE: Report results of multiple completion or zone change on Form 9-330.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

5/10/81 - Set RBP @ 4725' and pkr @ 4330'. Started swabbing on perfs 4370/4706'. Made 8 swab runs; recovered 36.5 bbls of 51 bbls to recover. Initial fluid level @ 1365', final level @ 4000'. POOH w/pkr and RBP. RIH w/tbg and seating nipple, land @ 3900'.

5/11/81 - Frac'd formation w/80,000 gals 75% foam and 105,000# of 20/40 sand @ 32 BPM. TP: 5200 PSI, CP: 3900 PSI, ISIP: 3300 PSI, (TP): 2800 PSI, (CP), 15 min SIP: tbg 2960 PSI; csg: 2410 PSI. Opened well to pit to flow.

5/12/81 - Landed 2-3/8" tbg @ 4311' w/F nipple on tail @ 4312'. NDBOP. NUWH. Turned well on to pit to flow RDMOSU.

Subsurface Safety Valve: Manu. and Type \_\_\_\_\_ Set @ \_\_\_\_\_ Ft.

18. I hereby certify that the foregoing is true and correct

SIGNED [Signature] TITLE Asst.Div.Adm.Mgr. DATE 5/19/81

(This space for Federal or State office use)

APPROVED BY \_\_\_\_\_ TITLE \_\_\_\_\_ DATE \_\_\_\_\_  
CONDITIONS OF APPROVAL, IF ANY:

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
GEOLOGICAL SURVEY

SUBMIT IN DUPLICATE\*

(See her in-  
st. on  
side)Form approved.  
Budget Bureau No. 42-R255.5.

5. LEASE DESIGNATION AND SERIAL NO.

U 38033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Winter Camp Unit

9. WELL NO.

7-14

10. FIELD AND POOL, OR WILDCAT

Morrison

11. SEC., T., R., M., OR BLOCK AND SURVEY  
OR AREA

Sec. 7, T17S R25E

12. COUNTY OR  
PARISH

Grand

13. STATE

Utah

## 1. TYPE OF WELL:

OIL  
WELL ☐GAS  
WELL ☒DRY ☐

Other \_\_\_\_\_

## 2. TYPE OF COMPLETION:

NEW  
WELL ☒WORK  
OVER ☐DEEP-  
EN ☐PLUG  
BACK ☐DIFF.  
REVS. ☐

Other \_\_\_\_\_

## 3. NAME OF OPERATOR

Tenneco Oil Company

## 4. ADDRESS OF OPERATOR

Box 3249, Englewood, CO 80155

## 5. LOCATION OF WELL (Report location clearly and in accordance with any State requirements)

At surface 2530' FWL &amp; 1240' FSL

At top prod. interval reported below

At total depth

DIVISION OF

14. PERMIT NO. GAS &amp; MINING

43-015-30773 2-9-81

## 15. DATE SPUDDED

4/12/81

## 16. DATE T.D. REACHED

4/27/81

## 17. DATE COMPL. (Ready to prod.)

6/9/81

## 18. ELEVATIONS (DT, RKB, RT, GR, ETC.)\*

5816'

## 19. ELEV. CASING HEAD

-

## 20. TOTAL DEPTH, MD &amp; TVD

4747'

## 21. PLUG, BACK T.D., MD &amp; TVD

4725'

22. IF MULTIPLE COMPL.,  
HOW MANY\*23. INTERVALS  
DRILLED BY

## ROTARY TOOLS

0'-TD

## CABLE TOOLS

-

## 24. PRODUCING INTERVAL(S), OF THIS COMPLETION—TOP, BOTTOM, NAME (MD AND TVD)\*

4230 - 4706' Dakota/Morrison

25. WAS DIRECTIONAL  
SURVEY MADE

No

## 26. TYPE ELECTRIC AND OTHER LOGS RUN

GR/CCL/CBL

## 27. WAS WELL CORED

No

## 28. CASING RECORD (Report all strings set in well)

CASING SIZE	WEIGHT, LB./FT.	DEPTH SET (MD)	HOLE SIZE	CEMENTING RECORD	AMOUNT FULLED
9-5/8"	36#	117'	12-1/4"	10sx Portland I; 50sx Redi	crete
7"	23#	825'	8-3/4"	200sx Class-H w/2% CACL <sub>2</sub>	
4-1/2"	10.5#	4745'	6-1/4"	200sx Class-H w/addtvs.	

## 29. LINER RECORD

SIZE	TOP (MD)	BOTTOM (MD)	BACKS CEMENT*	SCREEN (MD)	SIZE	DEPTH SET (MD)	PACKER SET (MD)
					2-3/8"	4312'	

## 31. PERFORATION RECORD (Interval, size and number)

4230-60'  
4370-74'  
4414-20'  
4698-4706'

## 32. ACID, SHOT, FRACTURE, CEMENT SQUEEZE, ETC.

DEPTH INTERVAL (MD)	AMOUNT AND KIND OF MATERIAL USED
4230-4706	1800 qals 7% MSR Acid
	80,000 qals 70% quality foam
	105,000 20/40 sand

## 33. PRODUCTION

DATE FIRST PRODUCTION		PRODUCTION METHOD (Flowing, gas lift, pumping—size and type of pump)				WELL STATUS (Producing or shut-in)	
6/8/81		Flowing				Shut-in	
DATE OF TEST	HOURS TESTED	CHOKE SIZE	PROD'N. FOR TEST PERIOD	OIL—BSL.	GAS—MCF.	WATER—BSL.	GAS-OIL RATIO
6/8/81	3 hrs.	½" orifice	→		979		
FLOW. TUBING PRESS.	CASING PRESSURE	CALCULATED 24-HOUR RATE	OIL—BSL.	GAS—MCF.	WATER—BSL.	OIL GRAVITY-API (CORR.)	
730 PSI	780 PSI	→		979			

## 34. DISPOSITION OF GAS (Sold, used for fuel, vented, etc.)

To be sold

## TEST WITNESSED BY

## 35. LIST OF ATTACHMENTS

Electric logs forwarded by Schlumberger and Gearhart Owens

## 36. I hereby certify that the foregoing and attached information is complete and correct as determined from all available records

SIGNED

TITLE Asst. Div. Adm. Manager

DATE 6-10-81

(See Instructions and Spaces for Additional Data on Reverse Side)

# INSTRUCTIONS

**General:** This form is designed for submitting a complete and correct well completion report and log on all types of lands and leases to either a Federal agency or a State agency, or both, pursuant to applicable Federal and/or State laws and regulations. Any necessary special instructions concerning the use of this form and the number of copies to be submitted, particularly with regard to local, area, or regional procedures and practices, either are shown below or will be issued by, or may be obtained from, the local Federal and/or State office. See instructions on items 22 and 24, and 33, below regarding separate reports for separate completions.

If not filed prior to the time this summary record is submitted, copies of all currently available logs (drillers, geologists, sample and core analysis, all types electric, etc.), formation and pressure tests, and directional surveys, should be attached hereto, to the extent required by applicable Federal and/or State laws and regulations. All attachments should be listed on this form, see item 35.

**Item 4:** If there are no applicable State requirements, locations on Federal or Indian land should be described in accordance with Federal requirements. Consult local State or Federal office for specific instructions.

**Item 18:** Indicate which elevation is used as reference (where not otherwise shown) for depth measurements given in other spaces on this form and in any attachments.

**Items 22 and 24:** If this well is completed for separate production from more than one interval zone (multiple completion), so state in item 22, and in item 24 show the producing interval, or intervals, top(s), bottom(s) and name(s) (if any) for only the interval reported in item 33. Submit a separate report (page) on this form, adequately identified, for each additional interval to be separately produced, showing the additional data pertinent to such interval.

**Item 29:** "Sacks Cement": Attached supplemental records for this well should show the details of any multiple stage cementing and the location of the cementing tool.

**Item 33:** Submit a separate completion report on this form for each interval to be separately produced. (See instruction for items 22 and 24 above.)

## 37. SUMMARY OF POROUS ZONES:

SHOW ALL IMPORTANT ZONES OF POROSITY AND CONTENTS THEREOF; CORED INTERVALS; AND ALL DRILL-STEM TESTS, INCLUDING DEPTH INTERVAL TESTED, CURSION USED, TIME TOOL OPEN, FLOWING AND SHUT-IN PRESSURES, AND RECOVERIES

FORMATION	TOP	BOTTOM	DESCRIPTION, CONTENTS, ETC.	38. GEOLOGIC MARKERS		
				NAME	MEAS. DEPTH	TRUE VERT. DEPTH
Dakota	4225	4386	Sand, shale, gas	Mancos B	1290	
Morrison	4386	TD	Shale, sand, gas	Frontier	3852	
				Dakota Silt	4116	

July 7, 1981

Tenneco Oil Company  
Box 3249  
Englewood, Colorado 80155

Re: Well No. Winter Camp Unit #7-14  
Sec. 7, T. 17S, R. 25E  
Grand County, Utah

Gentlemen:

According to our records, a "Well Completion Report" filed with this office 6-10-81, from above referred to well indicates the following electric logs were run: GR/CCL/CBL. As of todays date this office has not received these logs.

Rule C-5, General Rules and Regulations and Rules of Practice and Procedure, requires that a well log shall be filed with the Commission together with a copy of the electric and radioactivity logs.

Your prompt attantion to the above will be greatly appreciated.

Sincerely,

DIVISION OF OIL, GAS, AND MINING

A handwritten signature in cursive script, appearing to read "Sandy Bates".

Sandy Bates  
Clerk-Typist

/lm

# Tenneco Oil Company

A Tenneco Company

Western Rocky Mountain Division

P.O. Box 3249  
Englewood, Colorado 80155  
(303) 740-4800

RECEIVED

APR 27 1984



DIVISION OF OIL  
GAS & MINING

Delivery Address:  
6162 South Willow Drive  
Englewood, Colorado

April 25, 1984

State of Utah  
Department of Oil & Gas Conservation  
4241 State Office Bldg.  
Salt Lake City, UT 84114

Gentlemen:

Attached is a list of wells for which Tenneco Oil Company has been providing you with monthly state reports. Effective March 1, 1984, these wells were purchased by Quinoco Petroleum, Inc., 3801 East Florida Avenue, Suite 300, P. O. Box 10800, Denver, Colorado 80210. Quinoco will now be responsible for all state reporting on these wells beginning with March 1984 business.

Very truly yours,

TENNECO OIL COMPANY

*Ursula C. Sulzbach*  
Ursula C. Sulzbach  
Senior Revenue Analyst

UCS/wt  
Attachment



TENNECO OIL COMPANY  
Utah Wells Sold to Quinoco  
Effective March 1, 1984

X. 17S R 24E Sec 4 Federal 4-12  
X T17S R 24E Sec. 14 Hogle USA 14-4  
X T17S R24E Sec 3 Federal 3-8  
X T17S R24E Sec 3 Federal 3-15  
X T16S R24E Sec 35 Federal 35-10  
X T17S R24E Sec 2 Dietler State 2-14  
X T17S R24E Sec 2 Dietler State 2-7  
X T16S R25E Sec 31 Calvinco USA 31-12  
X T17S R24E Sec 1 Reinauer 1-5  
X T17S R24E Sec 1 Reinauer 1-14  
X T16S R24E Sec 36 Tenneco State 36-14  
X T16S R24E Sec 36 Tenneco State 36-16  
X T16S R 24E Sec 35 Brown USA 35-3  
X T17S R24E Sec 12 Edward 12-2  
X T17S R25E Sec 7 Winter Camp Unit 7-14  
X T17S R24E Sec 11 Hogle 11-12  
X T17S R25E Sec 6 Federal 6-7  
X T17S R25E Sec 7 Federal 7-4  
X T16S R25E Sec 17 Federal 17-9  
X T16S R25E Sec 14 Federal 14-2  
X T16S R26E Sec 16 State 16-4  
X T16S R25E Sec 13 Carlson USA 13-4  
X T17S R24E Sec 5 Federal 5-13  
X T16S R24E Sec 33 Wilson USA 33-15  
X T17S R25E Sec 6 Federal 6-14  
X T16S R25E Sec 13 Federal 13-9  
X T16S R26E Sec 33 Federal 33-13  
T17S R26E Sec 5 Federal 5-4  
X T16S R26E Sec 32 State 32-1  
X T16S R26E Sec 32 State 32-11  
X T17S R24E Sec 12 Tenneco USA 12-9

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

# SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL <input type="checkbox"/> GAS WELL <input checked="" type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO. 06610
2. NAME OF OPERATOR Hallwood Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME
3. ADDRESS OF OPERATOR P.O. Box 378111 Denver, CO 80237		7. UNIT AGREEMENT NAME
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements. See also space 17 below.) At surface SE SW 1240' FSL & 2530' FNL		8. FARM OR LEASE NAME Wintercamp
14. PERMIT NO. 43-019-30773		9. WELL NO. 7-14
15. ELEVATIONS (Show whether OF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT Bryson Canyon
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA Sec. 7-T17S-25W
		12. COUNTY OR PARISH Grand
		13. STATE Utah

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:		SUBSEQUENT REPORT OF:	
TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>	WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>	FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>	SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>	(Other) <input type="checkbox"/>	

(Note: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)

Effective 8-1-90 Quinoco Petroleum, Inc. operator #N9477 has changed it's name to Hallwood Petroleum, Inc.

RECEIVED  
FEB 22 1991

DIVISION OF  
OIL, GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

TITLE Sr. Engineering Tech.

DATE 12-1-90

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

# *Hallwood Energy Companies*

4582 South Ulster Street Parkway • Stanford Place III • Suite 1700 • Post Office Box 378111  
Denver, Colorado 80237 • (303) 850-7373

March 8, 1991

State of Utah  
Division of Gas & Mining  
160 East Third Street  
Salt Lake City, Utah 84134-0410

REC'D U.S.T.C. 240  
MAR - 8 1991

Re: Utah A/C #N9477

Quinoco Petroleum, Inc. has changed its name to Hallwood Petroleum, Inc. Our offices have remained at 4582 South Ulster Street Parkway, Suite 1700, P. O. Box 378111, Denver, Colorado 80237.

I have enclosed documentation for our name change for your convenience. If you require further information please call me at (303) 856-6229.

Sincerely,

HALLWOOD PETROLEUM, INC.

*Carol Edney*

Carol Edney  
Staff Accountant  
Western District

CE/#9.set

cc: Brenda Tompkins

RECEIVED

MAR 22 1991

DIVISION OF  
OIL GAS & MINING

1- LCR	<input checked="" type="checkbox"/>
2- DTS	<input checked="" type="checkbox"/>
3- VLC	<input checked="" type="checkbox"/>
4- RJF	<input checked="" type="checkbox"/>
5- RWM	<input checked="" type="checkbox"/>
6- LCB	<input checked="" type="checkbox"/>

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

Change of Operator (well sold) ☐ Designation of Agent  
Designation of Operator ☒ Operator Name Change Only "MERGER"

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 7-18-91)

TO (new operator) HALLWOOD PETROLEUM, INC.  
(address) P. O. BOX 378111  
DENVER, CO 80237  
DEBI SHEELY  
phone ( 303 ) 850-6322  
account no. N 5100 (3-5-91)

FROM (former operator) QUINOCO CO.  
(address) P. O. BOX 378111  
DENVER, CO 80237  
DEBI SHEELY  
phone ( 303 ) 850-6322  
account no. N 9477

Well(s) (attach additional page if needed):

*Also see Hallwood to Northstar  
oper. chg. eff 8-1-91*

Name: <u>(SEE ATTACHMENT)</u>	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____	Twp _____	Rng _____	Lease Type: _____

# OPERATOR CHANGE DOCUMENTATION

- 1 (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form).
- 2 (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (*same*)
- 3 The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: #110236.
- 4 (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 5 Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (*9-6-91*)
- 6 Cardex file has been updated for each well listed above. (*9-6-91*)
- 7 Well file labels have been updated for each well listed above. (*9-6-91*)
- 8 Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (*9-6-91*)
- 9 A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) no (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## D VERIFICATION (Fee wells only)

1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
2. A copy of this form has been placed in the new and former operators' bond files.
3. The former operator has requested a release of liability from their bond (yes/no) no. Today's date Sept 16 1991. If yes, division response was made by letter dated Sept 16 1991.

## STATE INTEREST OWNER NOTIFICATION RESPONSIBILITY

1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated Sept 16 1991, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
2. Copies of documents have been sent to State Lands for changes involving State leases.
- \* notification sent to Ed Danner for State 2-14 (43-019-30571) and State 16-4 (43-019-30433).  
\* See Hallwood to Northstar oper. chg. ctt 8-1-91*

## MICROFILMING

1. All attachments to this form have been microfilmed. Date: Sept 16 1991.

## INDEXING

1. Copies of all attachments to this form have been filed in each well file.
2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

910904 B-TM/MOAB Confirmed change of operator "merger" from Quinoco to Hallwood. All wells except for 43-019-30704 / Calvinco 31-12 "CR92 C.A." which is still considered Quinoco.



## MONTHLY OIL AND GAS PRODUCTION REPORT

Operator name and address:

• QUINOCO CO.  
P O BOX 378111  
DENVER CO 80237  
ATTN: HOLLY RICHARDSON

Utah Account No. N9477

Report Period (Month/Year) 7 / 91

Amended Report ☐

Well Name			Producing Zone	Days Oper	Production Volume		
API Number	Entity	Location			Oil (BBL)	Gas (MSCF)	Water (BBL)
USA 12-9 4301930748	06605	17S 24E 12	DKTA✓		4-41374	(CR176 "C.A.")	
WINTER CAMP 7-14 4301930773	06610	17S 25E 7	DK-MR✓		4-38033		
STATE 16-4 4301930433	06620	16S 26E 16	DKTA✓		ML-29608		
FEDERAL 7-4 4301930517	06650	17S 25E 7	MRSN✓		4-38033		
TOTAL							

Comments (attach separate sheet if necessary) \_\_\_\_\_  
\_\_\_\_\_  
\_\_\_\_\_

I have reviewed this report and certify the information to be accurate and complete. Date \_\_\_\_\_

Authorized signature \_\_\_\_\_

Telephone \_\_\_\_\_

PLEASE COMPLETE FORMS IN BLACK INK

**LONE MOUNTAIN PRODUCTION COMPANY**

P.O. BOX 3394  
408 PETROLEUM BUILDING  
BILLINGS, MONTANA 59103-3394  
(406) 245-5077  
FAX 248-6321

July 27, 1992

State of Utah  
Dept. of Natural Resources  
Division of Oil, Gas, & Mining  
3 Triad Center, Suite 350  
Salt Lake City, Utah 84180

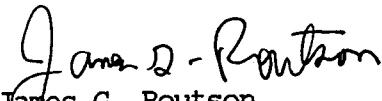
Re: Change of Operator  
Sundry Notices  
Grand County, Utah

Gentlemen:

Enclosed in triplicate are Sundry Notices for ten wells on which Lone Mountain Production Company is assuming operations effective August 1, 1992. The wells were all previously operated by Hallwood Petroleum. If any further information is needed please advise either me or Joe Dyk in our Grand Junction office.

Very truly yours,

Lone Mountain Production Company

  
James G. Routson  
President

Enclosures

xc: Joe Dyk  
Hallwood

**RECEIVED**

JUL 29 1992

DIVISION OF  
OIL GAS & MINING

UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLE  
(Other instructions  
verse side)

Form approved.  
Budget Bureau No. 1001-0115  
Expires August 31, 1985  
5. LEASE DESIGNATION AND SERIAL NO.

U-38033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Federal

9. WELL NO.

Wintercamp No. 7-14

10. FIELD AND POOL, OR WILDCAT

Bryson Canyon

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

SE SW Sec. 7: T17S-R25E

12. COUNTY OR PARISH 13. STATE

Grand

Utah

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Lone Mountain Production Company

3. ADDRESS OF OPERATOR

P. O. Box 3394, 404 Petroleum Building, Billings, MT 59103

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

1240' FSL, 2530' FWL Section 7

14. PERMIT NO.

43-019-30773

15. ELEVATIONS (Show whether DT, RT, OR, etc.)

5816 GL

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

FRACTURE TREAT

MULTIPLE COMPLETE

SHOOT OR ACIDIZE

ABANDON\*

REPAIR WELL

CHANGE PLANE

(Other) Change of operator

XX

SUBSEQUENT REPORT OF:

WATER SHUT-OFF

FRACTURE TREATMENT

SHOOTING OR ACIDIZING

(Other)

REPAIRING WELL

ALTERING CASING

ABANDONMENT\*

(Note: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any  
proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones perti-  
nent to this work.)

Lone Mountain Production Company will become operator of the above referenced  
well effective August 1, 1992. The well was formerly operated by Hallwood Petroleum.

RECEIVED

JUL 29 1992

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

James G. Routson

TITLE President

DATE July 27, 1992

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side



UNITED STATES  
DEPARTMENT OF THE INTERIOR  
BUREAU OF LAND MANAGEMENT

SUBMIT IN TRIPLICATE  
(Other instructions  
verse side)

Budget Bureau No. 1004-1  
Expires August 31, 1985

5. LEASE DESIGNATION AND SERIAL NO.

UTU 38033

6. IF INDIAN, ALLOTTEE OR TRIBE NAME

7. UNIT AGREEMENT NAME

8. FARM OR LEASE NAME

Wintercamp

9. WELL NO.

7-14

10. FIELD AND POOL, OR WILDCAT

San Arroya

11. SEC., T., R., M., OR BLK. AND  
SURVEY OR AREA

Section 7 T17S R25E

12. COUNTY OR PARISH 13. STATE

Grand

UT

SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. OIL WELL ☐ GAS WELL ☒ OTHER

2. NAME OF OPERATOR

Hallwood Petroleum, Inc.

3. ADDRESS OF OPERATOR

P.O. Box 378111 Denver, CO 80237

4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.  
See also space 17 below.)  
At surface

14. PERMIT NO.

43-019-30773

15. ELEVATIONS (Show whether DF, RT, GR, etc.)

16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

NOTICE OF INTENTION TO:

SUBSEQUENT REPORT OF:

TEST WATER SHUT-OFF

PULL OR ALTER CASING

WATER SHUT-OFF

REPAIRING WELL

FRACTURE TREAT

MULTIPLE COMPLETION

FRACTURE TREATMENT

ALTERING CASING

SHOOT OR ACIDIZE

ABANDON\*

SHOOTING OR ACIDIZING

ABANDONMENT\*

REPAIR WELL

CHANGE PLANE

(Other) Change of Operator

(Other)

(NOTE: Report results of multiple completion on Well  
Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.) \*

Effective 8/1/92 Hallwood Petroleum, Inc. is turning over all interest and operations of this well to:

Lone Mountain Production Company  
P.O. Box 3394  
Billings, MT 59103-3394

RECEIVED

JUL 29 1992

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Debi Shuly

TITLE Sr. Engineering Technician

DATE 7/27/92

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY:

\*See Instructions on Reverse Side

1-LOR	7-LOR
2-DTS	
3-VLC	
4-RIF	
5-RWM	
6-ADA	

Attach all documentation received by the division regarding this change.  
Initial each listed item when completed. Write N/A if item is not applicable.

☒ Change of Operator (well sold) ☐ Designation of Agent  
☐ Designation of Operator ☐ Operator Name Change Only

The operator of the well(s) listed below has changed (EFFECTIVE DATE: 8-1-92)

TO (new operator) LONE MTN PRODUCTION CO.  
(address) PO BOX 3394  
BILLINGS, MT 59103  
JAMES ROUTSON, PRES.  
phone ( 406 ) 245-5077  
account no. N 7210

FROM (former operator) HALLWOOD PETROLEUM INC.  
(address) PO BOX 378111  
DENVER, CO 80237  
DEBI SHEELY  
phone ( 303 ) 850-6322  
account no. N 5100

Well(s) (attach additional page if needed):

Name: <u>EDWARDS USA 12-2/DKTA</u>	API: <u>43-019-30702</u>	Entity: <u>6585</u>	Sec <u>12</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>U-38030</u>
Name: <u>USA 12-9/DKTA</u>	API: <u>43-019-30748</u>	Entity: <u>6605</u>	Sec <u>12</u> Twp <u>17S</u> Rng <u>24E</u>	Lease Type: <u>U-41374</u>
Name: <u>WINTER CAMP 7-14/DK-MR</u>	API: <u>43-019-30773</u>	Entity: <u>6610</u>	Sec <u>7</u> Twp <u>17S</u> Rng <u>25E</u>	Lease Type: <u>U-38033</u>
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____
Name: _____	API: _____	Entity: _____	Sec _____ Twp _____ Rng _____	Lease Type: _____

#### OPERATOR CHANGE DOCUMENTATION

- 1 1. (Rule R615-8-10) Sundry or other legal documentation has been received from former operator (Attach to this form). (Rec'd 7-29-92)
- 2 2. (Rule R615-8-10) Sundry or other legal documentation has been received from new operator (Attach to this form). (Rec'd 7-29-92)
- N/A 3. The Department of Commerce has been contacted if the new operator above is not currently operating any wells in Utah. Is company registered with the state? (yes/no) \_\_\_\_ If yes, show company file number: \_\_\_\_\_
- \* 4. (For Indian and Federal Wells ONLY) The BLM has been contacted regarding this change (attach Telephone Documentation Form to this report). Make note of BLM status in comments section of this form. Management review of Federal and Indian well operator changes should take place prior to completion of steps 5 through 9 below.
- 1 5. Changes have been entered in the Oil and Gas Information System (Wang/IBM) for each well listed above. (8-25-92 12-2 & 7-14)
- 1 6. Cardex file has been updated for each well listed above. (8-25-92 12-2 & 7-14)
- 1 7. Well file labels have been updated for each well listed above. (8-25-92 12-2 & 7-14)
- 1 8. Changes have been included on the monthly "Operator, Address, and Account Changes" memo for distribution to State Lands and the Tax Commission. (8-25-92 12-2 & 7-14)
- 1 9. A folder has been set up for the Operator Change file, and a copy of this page has been placed there for reference during routing and processing of the original documents.

## ENTITY REVIEW

1. (Rule R615-8-7) Entity assignments have been reviewed for all wells listed above. Were entity changes made? (yes/no) (no) \_\_\_\_ (If entity assignments were changed, attach copies of Form 6, Entity Action Form).
2. State Lands and the Tax Commission have been notified through normal procedures of entity changes.

## BOND VERIFICATION (Fee wells only)

- N/A 1. (Rule R615-3-1) The new operator of any fee lease well listed above has furnished a proper bond.
- 1/A 2. A copy of this form has been placed in the new and former operators' bond files.
- 1/A 3. The former operator has requested a release of liability from their bond (yes/no) \_\_\_\_.  
Today's date \_\_\_\_\_ 19\_\_\_\_. If yes, division response was made by letter  
for dated \_\_\_\_\_ 19\_\_\_\_.

## LEASE INTEREST OWNER NOTIFICATION RESPONSIBILITY

- N/A 1. (Rule R615-2-10) The former operator/lessee of any fee lease well listed above has been notified by letter dated \_\_\_\_\_ 19\_\_\_\_, of their responsibility to notify any person with an interest in such lease of the change of operator. Documentation of such notification has been requested.
- N/A 2. Copies of documents have been sent to State Lands for changes involving State leases.

## FILMING

- ✓ 1. All attachments to this form have been microfilmed. Date: Sept 9, 1992 19\_\_\_\_.

## FILING

- 1/A 1. Copies of all attachments to this form have been filed in each well file.
- 1/A 2. The original of this form and the original attachments have been filed in the Operator Change file.

## REMARKS

Bhm / moab Approved c.H. 8-1-92 (12-2 & 7-14)

Bhm / S.F. CR176 "USA 12-9" Not approved as of 8-4-92. (separate change)

GREAT WESTERN ONSHORE INC  
UTU28275

1-4

P+A

16S

16E

4 NESW

430153019800X1

H W DOUGHERTY COMPANY  
UTU03901

2

PGW

17S

RECEIVED

5 SESE

430191570000S1

UTU013696

1-B

GSI

17S

24E AUG 10 1992

8 SWNW

430191569800S1

1-A

PGW

17S

8 SWNW

430191569700S1

HADDEN-HARRISON JOINT VENTURE  
UTU7945

1

PGW

20S

DIVISION OF  
OIL GAS & MINING

23E

13 SWSW

430193037800S1

HALLWOOD CONSOLIDATED PART LP  
UTU38842\*HAL

6-7

PGW

17S

25E

6 SWNE

430193051600S1

6-14

PGW

17S

25E

6 SESW

430193046200S1

UTU38033\*HAL

7-14

PGW

17S

25E

7 SESW

430193077300S1

7-4

PGW

17S

25E

7 SWNW

430193051700S1

UTU38030

12-2

PGW

17S

24E

12 NWNE

430193070200S1

HALLWOOD PETROLEUM INC  
UTU17942

2

PGW

16S

25E

9 SESW

430191504800S1

\* CR176

12-9

PGW

17S

24E

12 NESE

430193074800S1

HANCOCK BURTON W  
UTU683

4-11

PGW

17S

25E

4 NESW

430193101200S1

UTU4402

27-9

ABD

17S

25E

27 NESE

430193101400X1

UTU31792

13-13

PGW

17S

25E

13 SESW

430193041200S1

UTU05081

1

P+A

17S

25E

21 NENW

430191548100X1

20-1

GSI

17S

25E

20 NENE

430193102100S1

UTU05079\*HAN

11

PGW

17S

25E

4 NWNW

430193101100S1

UTU05003\*HAN

35

PGW

17S

25E

17 NWSE

430193022400S1

UTU04984\*HAN

8-3

PGW

17S

25E

8 NENW

430193101300S1

UTU04955

20-R

PGW

17S

25E

\* Write a letter to Lone Mountain  
telling them they need  
submit form to USA  
Successor of CH Operat  
8/4/92



# United States Department of the Interior

BUREAU OF LAND MANAGEMENT  
Utah State Office  
324 South State, Suite 301  
Salt Lake City, Utah 84111-2303



IN REPLY REFER TO:

3100  
U-38842  
U-38838-A  
U-38030  
U-38033  
U-05010  
SI-071172  
(U-942)  
U-41374-CR-176

AUG 6 1991

## Memorandum

To: Assistant District Manager, Mineral Resources, Moab  
From: Chief, Minerals Adjudication Section  
Subject: Leases Affected by Corporate Name Change

Your memorandum of July 25, 1991, called to the attention of this office other leases you feel are affected by our ~~July 18, 1991~~ decision recognizing the corporate name change of Quinoco Petroleum, Inc. to Hallwood Petroleum, Inc. Our response is as follows:

The interest Quinoco Petroleum, Inc. held in leases SI-071172, U-05010, and U-38838-A was transferred to Roemer Oil Company effective December 1, 1990.

The interest held by Quinoco in leases U-38030, U-38033, and U-38842 is held by Quinoco Consolidated Partners, L.P., not Quinoco Petroleum, Inc. Please note that a decision recognizing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. is currently being processed.

As for communitization agreements CR222 and CR176, our computer records show Omimex as the operator of CR222 and Hallwood as the operator of CR176.

Bureau of Land Management  
Utah State Office  
P. O. Box 45155  
Salt Lake City, Utah 84145-0155

3100  
U-10152-A,  
et al.  
(U-942)

AUG 6 1991

CERTIFIED MAIL--Return Receipt Requested

DECISION

Hallwood Consolidated Partners, L.P. : Oil and Gas Leases  
P.O. Box 378111 : U-10152-A, et al.  
Denver, CO 80237 :

Corporate Name Change Recognized

Acceptable evidence has been received by this office establishing that Quinoco Consolidated Partners, L.P. has changed its name to Hallwood Consolidated Partners, L.P. Accordingly, the surviving corporation is recognized as holding all interests in Federal oil and gas leases formerly held by Quinoco Consolidated Partners, L.P. A list of affected leases is enclosed. If other leases are affected by this name change, please notify this office immediately.

Bonding for Hallwood Consolidated Partners, L.P. is provided under nationwide bond No. B1729366 (BLM Bond No. MT0735).

/s/ ROBERT LOPEZ  
Chief, Minerals  
Adjudication Section

Enclosure  
List of Affected Leases

cc: All District Offices, Utah  
Accounts  
MMS, AFS  
U-920 (Attn: Teresa Thompson)

*Wj EHK*

U-10152-A  
U-13371  
U-13666  
U-17455  
U-25189  
U-29641

70-1      066555T08R

STATE OF UTAH  
DEPARTMENT OF NATURAL RESOURCES  
DIVISION OF OIL, GAS, AND MINING

## SUNDRY NOTICES AND REPORTS ON WELLS

(Do not use this form for proposals to drill or to deepen or plug back to a different reservoir.  
Use "APPLICATION FOR PERMIT—" for such proposals.)

1. <input type="checkbox"/> OIL WELL <input type="checkbox"/> GAS WELL <input type="checkbox"/> OTHER		5. LEASE DESIGNATION AND SERIAL NO.	
2. NAME OF OPERATOR Hallwood Petroleum, Inc.		6. IF INDIAN, ALLOTTEE OR TRIBE NAME	
3. ADDRESS OF OPERATOR P.O. Box 378111 Denver, CO 80237		7. UNIT AGREEMENT NAME	
4. LOCATION OF WELL (Report location clearly and in accordance with any State requirements.* See also space 17 below.) At surface		8. FARM OR LEASE NAME	
14. PERMIT NO.		9. WELL NO.	
15. ELEVATIONS (Show whether OF, RT, OR, etc.)		10. FIELD AND POOL, OR WILDCAT	
		11. SEC., T., R., M., OR BLK. AND SURVEY OR AREA	
		12. COUNTY OR PARISH	13. STATE

## 16. Check Appropriate Box To Indicate Nature of Notice, Report, or Other Data

## NOTICE OF INTENTION TO:

TEST WATER SHUT-OFF <input type="checkbox"/>	PULL OR ALTER CASING <input type="checkbox"/>
FRACTURE TREAT <input type="checkbox"/>	MULTIPLE COMPLETE <input type="checkbox"/>
SHOOT OR ACIDIZE <input type="checkbox"/>	ABANDON* <input type="checkbox"/>
REPAIR WELL <input type="checkbox"/>	CHANGE PLANS <input type="checkbox"/>
(Other) <input type="checkbox"/>	

## SUBSEQUENT REPORT OF:

WATER SHUT-OFF <input type="checkbox"/>	REPAIRING WELL <input type="checkbox"/>
FRACTURE TREATMENT <input type="checkbox"/>	ALTERING CASING <input type="checkbox"/>
SHOOTING OR ACIDIZING <input type="checkbox"/>	ABANDONMENT* <input type="checkbox"/>
(Other) <input type="checkbox"/>	

(NOTE: Report results of multiple completion on Well Completion or Recompletion Report and Log form.)

17. DESCRIBE PROPOSED OR COMPLETED OPERATIONS (Clearly state all pertinent details, and give pertinent dates, including estimated date of starting any proposed work. If well is directionally drilled, give subsurface locations and measured and true vertical depths for all markers and zones pertinent to this work.)\*

Effective 8/1/90 Quinoco Petroleum, Inc. operator #N9477 changed it's name to Hallwood Petroleum, Inc. The wells effected by this change are:

Well Name	Federal Lease #	Utah #
- Dietler State 2-14 42-019-30571	N/A - Sec. 2, T. 17S, R. 24E	06560
- Edwards 12-2 42-019-30702	UTU38030 Sec. 2, T. 17S, R. 24E	06585
- Federal 6-7 42-019-30516	UTU38842 Sec. 6, T. 17S, R. 25E	06540
- Federal 6-14 42-019-30462	UTU38842 Sec. 6, T. 17S, R. 25E	06525
- Federal 7-4 42-019-30517	UTU38033 Sec. 7, T. 17S, R. 25E	06550
- Hogle USA 14-4 42-019-30507	UTSL071172 Sec. 14, T. 17S, R. 24E	06535
- State 16-4 42-019-30433	N/A Sec. 16, T. 16S, R. 26E	06620
- Tenneco USA 12-9 42-019-30748	U41374 Sec. 12, T. 17S, R. 24E	06605
- Wesbit 2 42-019-15048	UTU17942 Sec. 9, T. 16S, R. 25E	05220
- Wintercamp 7-14 42-019-30773	UTU38033 Sec. 7, T. 17S, R. 25E	06610

RECEIVED

AUG 19 1991

DIVISION OF  
OIL GAS & MINING

18. I hereby certify that the foregoing is true and correct

SIGNED

Debi Sheely

TITLE Sr. Engineering Technician

DATE 8/16/91

(This space for Federal or State office use)

APPROVED BY

TITLE

DATE

CONDITIONS OF APPROVAL, IF ANY: